

Panasonic

Cordless Phone

Model No. KX-TC1025ALW

Operating Instructions



PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 10 hours before initial use.

Contents by Section

- 1 Getting Started
- 2 Making/Answering Calls
- 3 Remote Speakerphone
- 4 Speed Dialler
- 5 Intercom
- 6 Special Features
- 7 Things You Should Know

If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, do not reconnect the unit to the telephone line until the trouble has been repaired. If the known working phone does not operate properly, consult your telephone company.

This equipment has been tested and found to comply with AS/NZS 3548: 1995 limits for electromagnetic interference. Any modifications to any part of the system or to any peripherals may void the EMC compliance of the system or the peripherals.

WARNING:

The earcap on the handset is magnetised and may retain metallic objects. This equipment will be inoperable if mains power fails.

For New Zealand Users Only

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

WARNING NOTICE:

No "111" or other calls can be made from this device during a mains power failure.

- We recommend that a standard phone which can be used in the case of a power failure be connected to the telephone line at all times.

For your future reference

Serial No.

Date of purchase

(found on the bottom of the unit)

Name and address of dealer

Attach or keep original receipt to assist with any repair under warranty.

Kyushu Matsushita Electric Co., Ltd.

1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka 812-8531, Japan

Printed in Malaysia

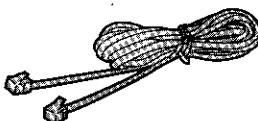
PQQX12360ZA-BM FM0899YAO (D)

1-A Accessories

AC Adaptor one



Telephone Line Cord one



For Australia only
 Telephone Plug one



1-B Location of Controls

Handset

RECHARGE
Indicator (7-A)

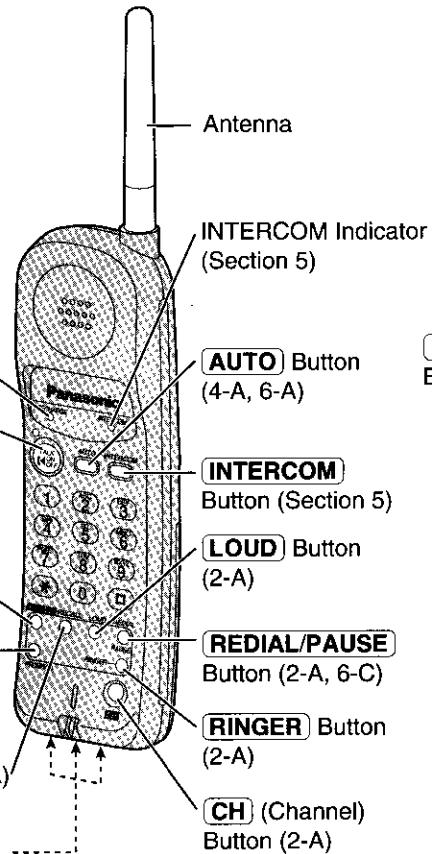
TALK Button
and Indicator (2-A)

REMOTE SP
(Speakerphone)
Button (Section 3)

PROGRAM
Button (4-A, 6-A)

RECALL Button (6-A)

Charge Contacts (7-A)



Base unit

AUTO/PROGRAM Button (4-B)

RECALL Button (6-A)

SP-PHONE (Speakerphone)
Button and Indicator (2-B)

Handset Hook (7-E)

LOCATOR/INTERCOM
Button (Section 5)

Charge Contacts
(7-A)

IN USE/CHARGE
Indicator (1-C)

MIC (Microphone) (2-B)

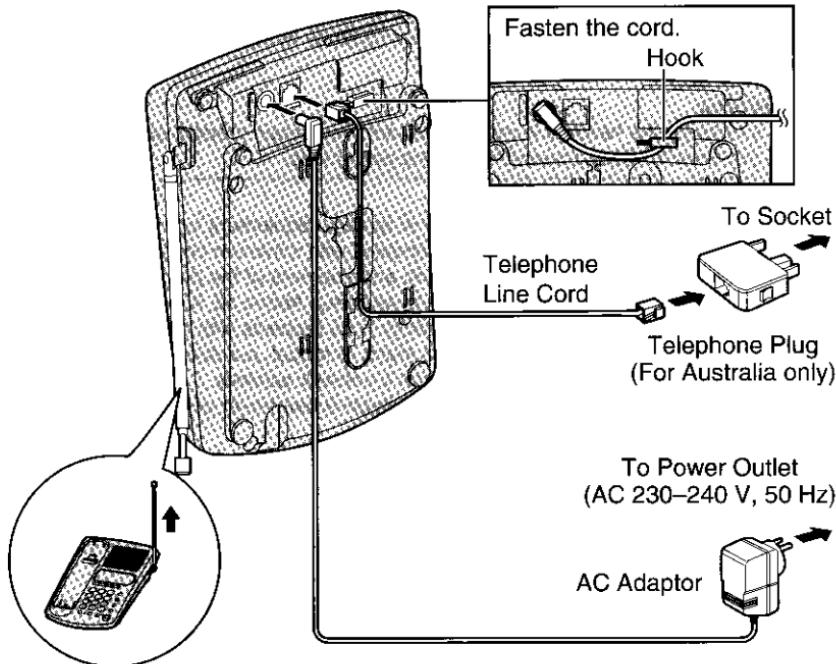
VOLUME Buttons (2-B)

Antenna
(1-C, 7-B)

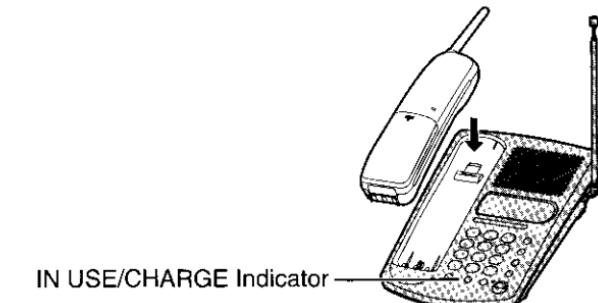
REDIAL/PAUSE
Button (2-B, 6-C)

HOLD/RINGER
Button (2-B)

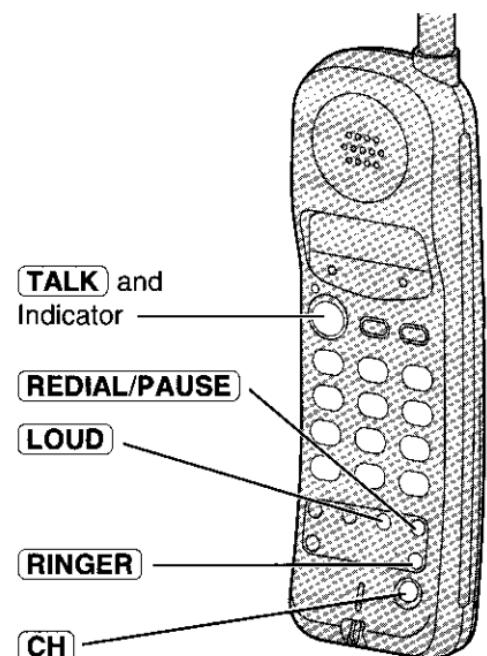
1-C Settings



- 1 Connect as shown.
- 2 Extend the antenna fully.
- 3 Charge the battery for about 10 hours.
 - See section 7-A for more details.
 - The IN USE/CHARGE indicator lights.



- USE ONLY WITH Panasonic AC ADAPTOR PQLV1AL.
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- To connect a standard telephone on the same line, see section 7-D.
- KX-TC1025ALW is not designed to be used with rotary (pulse dialling) services.



Back-lit

The handset dialling buttons will light when you press a button or lift the handset off the base unit, and flash when a call is received. The lights will go out about 10 seconds after pressing a button, lifting the handset or answering a call.

2-A With the handset

■ Making Calls

- 1 Press **TALK**.
 - The TALK indicator lights.
 - If an alarm tone sounds, see 7-F.
- 2 Dial a telephone number.
- 3 To hang up, press **TALK** or place the handset on the base unit.
 - The indicator light goes out.

• For best operating performance, see section 7-B.

To redial the last number dialled

Press **TALK** ➔ **REDIAL/PAUSE**.

To select the receiver volume

Press **LOUD** while talking.

- Each time you press the button, the volume level will change from LOW (preset) to HIGH.

If noise interferes with the conversation

Press **CH** to select a clearer channel or move closer to the base unit.

■ Answering Calls

If the handset is off the base unit, press **TALK**.

- You can also answer a call by pressing any dialling button **0** to **9**, ***** or **#** (—Any Key Talk).

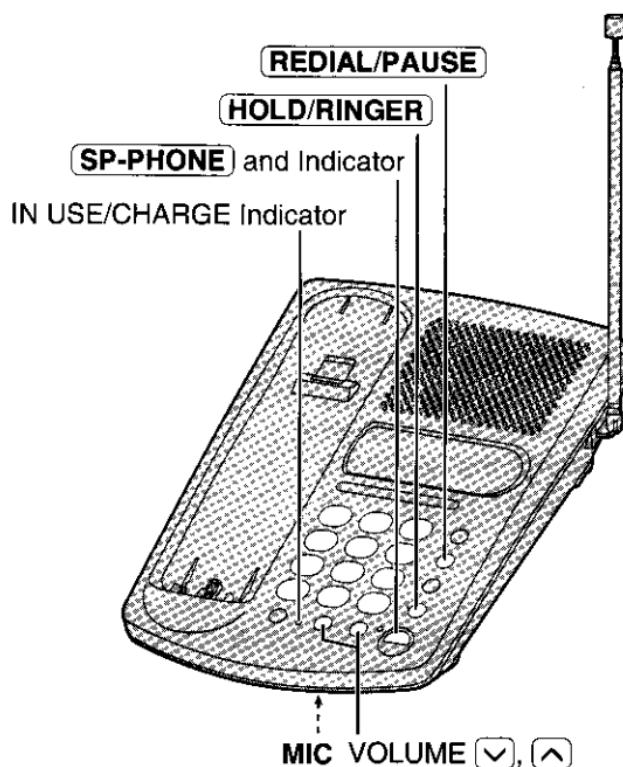
OR

If on the base unit, just lift up.

Selecting the ringer volume

The TALK indicator light must be off.

- **To select HIGH (preset) or LOW**, press **RINGER**.
Each time you press the button, the ringer volume will change and the selected volume will ring.
- **To turn the ringer OFF**, press and hold **RINGER** until 2 beeps sound.
- **To turn the ringer ON**, press **RINGER**.
The ringer will sound at the HIGH level.



2-B With the base unit

■ Making Calls

- 1 Press **SP-PHONE**.
•The SP-PHONE indicator lights.
- 2 Dial a telephone number.
- 3 When the other party answers, talk into the **MIC** (microphone).
- 4 To hang up, press **SP-PHONE**.
•The indicator light goes out.

- For best speakerphone performance, use in a quiet room and talk alternately with the caller.
- If the other party has difficulty hearing you, press **VOLUME ▼** to decrease the speaker volume. This will increase the microphone sensitivity.
- To switch to the handset while using the speakerphone:
—If the handset is off the base unit, press **TALK**.
—If on the base unit, just lift up.
- During a call with the handset, the call cannot be switched to the speakerphone by pressing **SP-PHONE**. To switch to the speakerphone, press **REMOTE SP** on the handset (Section 3).

To adjust the speaker volume (12 levels) while talking

To increase, press **VOLUME ▲**.
To decrease, press **VOLUME ▼**.

To redial the last number dialled

Press **SP-PHONE** ➡ **REDIAL/PAUSE**.

To put a call on hold

Press **HOLD/RINGER**.
•The SP-PHONE indicator flashes.

To release the hold

From the base unit, press **SP-PHONE**.
From the handset, press **TALK** or lift the handset off the base unit.
•You can also press **REMOTE SP** on the handset to release the hold at the base unit.
•If another phone is connected on the same line (7-D), you can release the hold by lifting its handset.

■ Answering Calls

- 1 Press **SP-PHONE**.
- 2 Talk into the **MIC**.
- 3 To hang up, press **SP-PHONE**.

Selecting the ringer volume

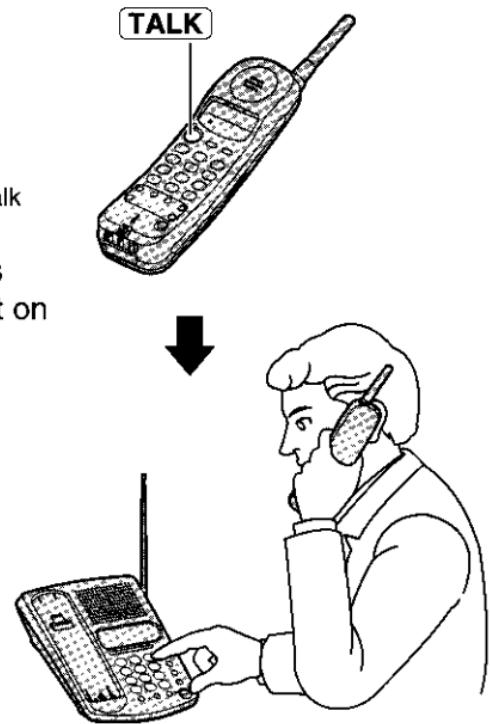
The TALK and SP-PHONE indicator lights must be off.

- To select **HIGH** (preset) or **LOW**, press **HOLD/RINGER**. Each time you press the button, the ringer volume will change and the selected volume will ring.
- To turn the ringer **OFF**, press and hold **HOLD/RINGER** until 2 beeps sound.
- To turn the ringer **ON**, press **HOLD/RINGER**. The ringer will sound at the **HIGH** level.

2-C Simultaneous Keypad Dialling

You can use the base unit like a standard telephone. After pressing **TALK** to make a call with the handset near the base unit, you can also dial using the base unit keypad.

- 1 Handset: Press **TALK**.
- 2 Base unit: Dial a telephone number while hearing a dial tone on the handset.
 - When the other party answers, talk using the handset.
- 3 Handset: To hang up, press **TALK** or place the handset on the base unit.



Simultaneous Keypad Dialling is available only after pressing **REMOTE SP** (Section 3) or **TALK**.

■ Useful information

You can enter numbers using the base unit keypad during a call with the handset. For example, to access an answering service, electronic banking service, etc.

- 1 Handset: Press **TALK**.
- 2 Handset: Dial a telephone number.
 - You can also dial with the base unit keypad.
- 3 Base unit: Enter the required numbers while listening to the pre-recorded instructions.
- 4 Handset: To hang up, press **TALK** or place the handset on the base unit.

You can easily switch a call from the handset to the speakerphone.

1 Handset: During a call using the handset, press **REMOTE SP**.

- The call is switched to the base unit.
- The INTERCOM indicator flashes.
- The SP-PHONE indicator lights.

2 Base unit: Talk into the **MIC**.

3 Base unit: To hang up, press **SP-PHONE**.

- The indicator lights go out.
- You can also hang up by pressing **REMOTE SP**.

You can turn on the base unit speakerphone using the handset as a remote control.

■ Making calls using the handset as a remote control

1 Handset: Press **REMOTE SP**.

2 Handset: Dial a telephone number.

- You can also dial with the base unit keypad.

3 Base unit: Talk into the **MIC**.

4 Handset: To hang up, press **REMOTE SP**.

- You can also hang up by pressing **SP-PHONE**.

When you redial

A number dialled with the handset keypad is saved in the handset.
A number dialled with the base unit keypad is saved in the base unit.

To switch to the handset (while using the remote speakerphone)

Press **TALK**.

- You can continue the conversation using the handset.
- To hang up, press **TALK** or place the handset on the base unit.

■ Answering calls using the handset as a remote control

1 Handset: Press **REMOTE SP**.

2 Base unit: Talk into the **MIC**.

3 Handset: To hang up, press **REMOTE SP**.

- You can also hang up by pressing **SP-PHONE**.

4-A With the handset

■ Storing Phone Numbers in Memory

You can store up to 10 phone numbers in the handset. The dialling buttons (0 to 9) function as memory stations. **The TALK indicator light must be off before programming.**

- 1 Press **PROGRAM**.
 - The TALK indicator flashes.
- 2 Enter a phone number up to 22 digits.
 - If you misdial, press **PROGRAM** to end storing. Start again from step 1.
- 3 Press **AUTO**.
- 4 Press a memory station number (0 to 9).
 - A beep sounds.
 - To store other numbers, repeat steps 1 through 4.

• If a pause is required for dialling, press **REDIAL/PAUSE** where needed. Pressing **REDIAL/PAUSE** counts as one digit (6-C).

To erase a stored number

Press **PROGRAM** ➡ **AUTO** ➡ the memory station number (0 to 9) for the phone number to be erased.

■ Dialling a Stored Number

- 1 Press **TALK**.
- 2 Press **AUTO**.
- 3 Press the memory station number (0 to 9).
 - The stored number is dialled.

• Numbers stored in the handset can only be dialled by the handset.

4-B With the base unit

■ Storing Phone Numbers in Memory

You can store up to 5 phone numbers in the base unit. The dialling buttons (1 to 5) function as memory stations. **The TALK and SP-PHONE indicator lights must be off before programming.**

- 1 Press **AUTO/PROGRAM**.
 - The IN USE/CHARGE indicator flashes.
- 2 Enter a phone number up to 22 digits.
 - If you misdial, press **AUTO/PROGRAM** twice to end storing. Start again from step 1.
- 3 Press **AUTO/PROGRAM**.
- 4 Press a memory station number (1 to 5).
 - A beep sounds.
 - To store other numbers, repeat steps 1 through 4.

• If a pause is required for dialling, press **REDIAL/PAUSE** where needed. Pressing **REDIAL/PAUSE** counts as one digit (6-C).

• If a power failure occurs, numbers stored in the base unit will be erased. Store the phone numbers again.

To erase a stored number

Press **AUTO/PROGRAM** twice ➡ the memory station number (1 to 5) for the phone number to be erased.

■ Dialling a Stored Number

- 1 Press **SP-PHONE**.
- 2 Press **AUTO/PROGRAM**.
- 3 Press the memory station number (1 to 5).
 - The stored number is dialled.

• Numbers stored in the base unit can only be dialled by the base unit.

A 2-way intercom is possible between the handset and the base unit.



5-A Paging

■ Paging the base unit from the handset

- 1 Handset: Press **INTERCOM**. Talk to the paged party after the beep.
 - The indicator lights.
- 2 Base unit: When the other party's voice is heard, answer using the **MIC**.
- 3 Handset: To end the intercom, press **INTERCOM**.

■ Paging the handset from the base unit (Handset locator)

Using this feature, you can locate a misplaced handset.

- 1 Base unit: Press **LOCATOR/INTERCOM**.
 - The handset beeps for 1 minute.
 - To stop paging, press **LOCATOR/INTERCOM** again.
- 2 Handset: Press **INTERCOM** to answer.
- 3 Base unit: Talk into the **MIC**.
- 4 Handset: To end the intercom, press **INTERCOM**.

During an intercom call:

- Intercom calls can only be ended with the handset.
- If the handset user has difficulty hearing the base unit user, decrease the base unit speaker volume by pressing **VOLUME** .
- If an incoming call is received, the intercom is disconnected and the unit starts to ring. To answer, press **TALK**, **REMOTE SP** or **SP-PHONE**.

5-B Transferring a Call Using the Intercom

The intercom can be used during a call. This feature enables you to transfer the call between the handset and the base unit.

■ From the handset to the base unit

- 1 Handset: During a call, press **INTERCOM**. Talk to the paged party after the beep.
 - The call is put on hold.
 - If the base unit user does not answer, press **TALK**.
- 2 Base unit: When the paging party's voice is heard, answer using the **MIC**.
- 3 Base unit: To answer the call, press **SP-PHONE**.
 - The transfer is complete.

■ From the base unit to the handset

- 1 Base unit: During a call, press **LOCATOR/INTERCOM**.
 - The call is put on hold.
 - If the handset user does not answer, press **SP-PHONE**.
- 2 Handset: Press **INTERCOM** to answer the page.
- 3 Handset: To answer the call, press **TALK**.
 - The transfer is complete.

6 Special Features

Section 6

6-A RECALL Button

Pressing **RECALL** allows you to use special features of your host PBX such as transferring an extension call or accessing special telephone services (optional), such as call waiting.

■ Selecting the recall time

The recall time depends on your telephone exchange or host PBX. You can select the following recall times: "90, 100, 110, 250, 300, 400, 600, 700 msec (milliseconds)", **using the handset near the base unit**. Your phone comes from the factory set to "100 msec".

The TALK and SP-PHONE indicator lights must be off before programming.

Press **PROGRAM** ➔ **Dialling button ((1) to (8))** ➔ **AUTO** ➔ **RECALL**.

1 : 90 msec	2 : 100 msec	3 : 110 msec	4 : 250 msec
5 : 300 msec	6 : 400 msec	7 : 600 msec	8 : 700 msec

- If 3 beeps sound during programming, a wrong key was pressed. Start again from the beginning.
- Users in Australia can access Telstra's "EASY CALL" service by having the recall time set at 100 msec (this is the factory default setting), and then follow Telstra's "EASY CALL" instructions to operate this service.
- If you are connected via a PBX, a longer recall time may be necessary to use PBX functions (transferring a call, etc.). Consult your PBX installer for the correct setting.

For Call Waiting Service Users in New Zealand

Adjust the recall time to 600 msec for use with Telecom's Call Waiting Service. Press **RECALL** if you hear a call-waiting tone while talking.

- The first call is put on hold and you can answer the second call.
- To return to the first caller, press **RECALL** again.

- If a power failure occurs, the setting will return to the factory preset (100 msec). Reprogram if necessary.

6-B Automatic Security Code Setting

Each time you place the handset on the base unit, the unit automatically selects one of a million security codes. These codes help prevent the unauthorised use of your telephone line by another cordless telephone user.

6-C How to Use the PAUSE Button (For Analog PBX Line/Long Distance Service Users)

We recommend you press **REDIAL/PAUSE** if a pause is required for dialling with a PBX or to access a long distance service.

Ex: Line access number **9** (PBX)

9 ➔ **REDIAL/PAUSE** ➔ **Phone number**

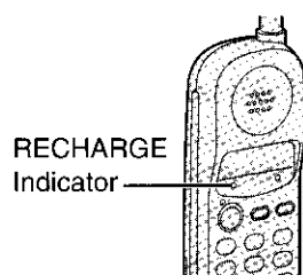
- Pressing **REDIAL/PAUSE** once creates a 3.5 second pause. This prevents misdialling when you redial or dial a stored number.
- Pressing **REDIAL/PAUSE** more than once increases the length of the pause between numbers.

7-A Battery

■ Recharge

When the RECHARGE indicator flashes or the unit beeps intermittently, place the handset on the base unit to recharge the battery for about 10 hours.

- If you DO NOT recharge the handset battery for more than 30 minutes, the RECHARGE indicator will continue to flash.



■ Battery information

After your Panasonic battery is fully charged:

Operation	Approx. battery life
While in use (TALK)	Up to about 8 hours
While not in use (Stand-by)	Up to about 30 days

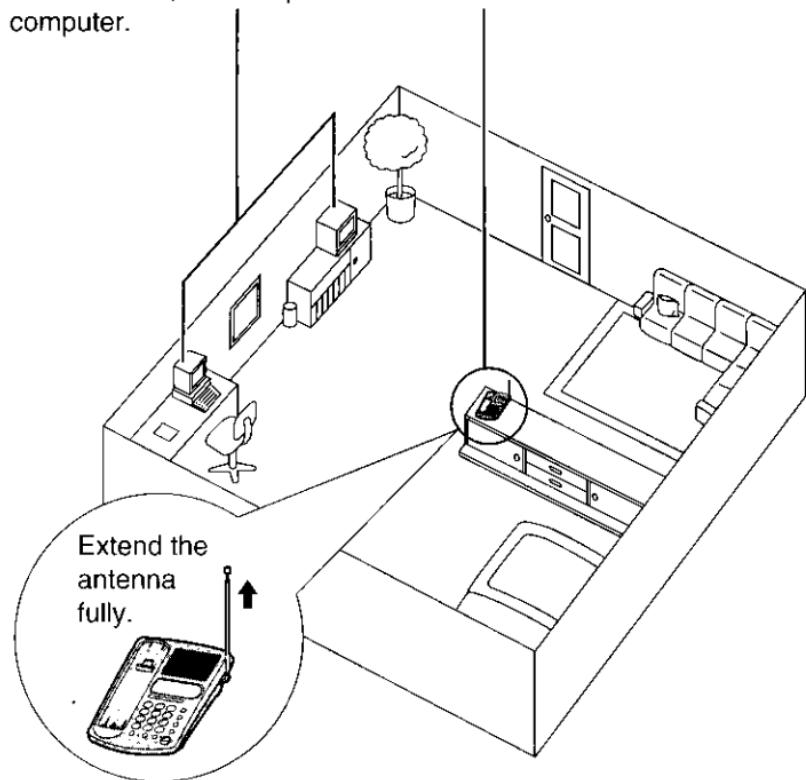
- Battery life may vary depending on usage conditions and ambient temperature.
- **Clean the handset and the base unit charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** Otherwise the battery may not charge properly.
- If the battery is fully charged, you do not have to place the handset on the base unit until the RECHARGE indicator flashes. This will maximize the battery life.
- The battery cannot be overcharged.

7-B Base Unit Location

Calls are transmitted between the base unit and the handset using wireless radio waves. **For maximum distance and noise-free operation**, the recommended base unit location is:

Away from electrical appliances such as a TV, radio or personal computer.

In a HIGH and CENTRAL location with no obstructions such as walls.

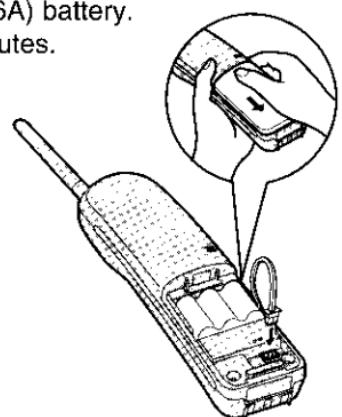




7-C Battery Replacement

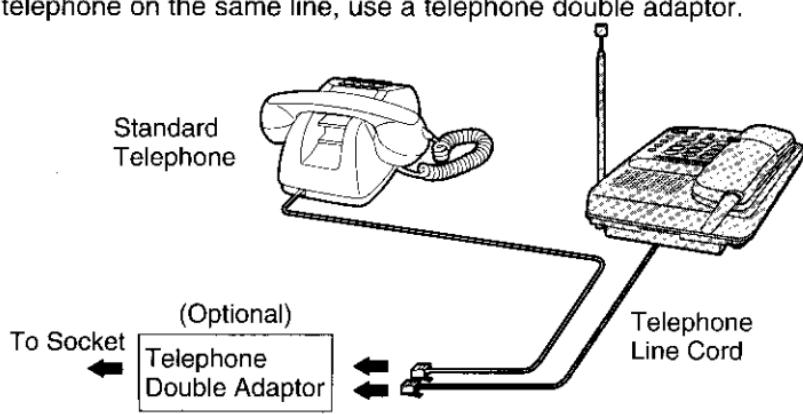
If the RECHARGE indicator flashes after being fully charged, replace the battery with a new Panasonic P-P301 (KX-A36A) battery. To avoid loss of memory, replace within 3 minutes.

- 1 Remove the cover by sliding while pressing the arrow.
- 2 Replace the battery and close the cover.
- 3 Be sure to charge the new battery for about 10 hours.



7-D Adding Another Phone

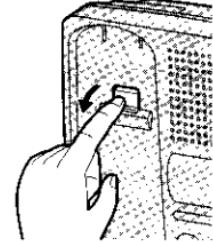
This unit will not function during a power failure. To connect a standard telephone on the same line, use a telephone double adaptor.



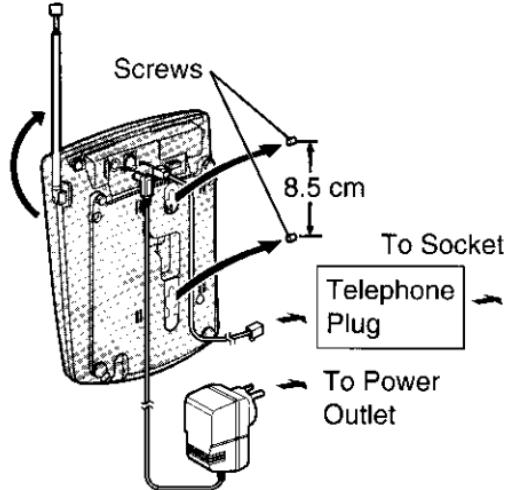
7-E Wall Mounting

The unit can be mounted on a wall.

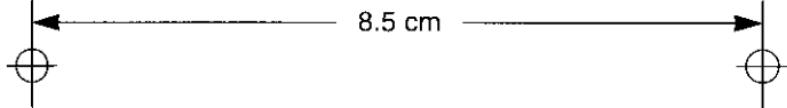
- 1 Pull down the handset hook until it locks, so the tab holds the handset.
- 2 Install screws using the wall template below. Connect the AC adaptor and telephone line cord.
- 3 Mount the unit on the screws, then slide down to secure in position.



• Extend the antenna fully.



Wall Template



Things You Should Know

7-F Before Requesting Help

Problem	Remedy
The unit does not work.	<ul style="list-style-type: none">Check the settings (1-C).Charge the battery fully (7-A).Clean the charge contacts and charge again (7-A).Install the battery properly (7-C).Place the handset on the base unit and unplug the AC adaptor to reset. Plug in and try again.Re-insert the battery within 3 minutes to avoid memory loss and place the handset on the base unit. Try again.KX-TC1025ALW is not designed to be used with rotary (pulse dialling) services.
An alarm tone sounds when you press TALK, REMOTE SP or INTERCOM.	<ul style="list-style-type: none">You are too far from the base unit. Move closer and try again.Place the handset on the base unit and try again.Plug in the AC adaptor.Extend the base unit antenna fully.
Static, sound cuts in/out, fades. Interference from other electrical units.	<ul style="list-style-type: none">Locate the handset and the base unit away from other electrical appliances (7-B).Move closer to the base unit.Extend the base unit antenna fully.Press CH to select a clearer channel.
The handset does not ring.	<ul style="list-style-type: none">The ringer volume is set to OFF. Press RINGER while the TALK indicator light is off (2-A).
The base unit does not ring.	<ul style="list-style-type: none">The ringer volume is set to OFF. Press HOLD/RINGER while the TALK and SP-PHONE indicator lights are off (2-B).
While storing a phone number, the unit starts to ring.	<ul style="list-style-type: none">To answer the call, press TALK, REMOTE SP or SP-PHONE. The program will be cancelled. Store the number again.
You cannot store a phone number in memory.	<ul style="list-style-type: none">You cannot store a number while the unit is in the talk, speakerphone or intercom mode.Do not pause for over 60 seconds while storing.
Previously programmed information is erased.	<ul style="list-style-type: none">If a power failure occurs, programmed information may be erased. Reprogram if necessary.
REDIAL/PAUSE does not function properly.	<ul style="list-style-type: none">The button has a double function as either redial or pause. It will redial the last number dialled if pressed at the outset of a call (2-A, 2-B). If another number has been dialled first, it will operate as a pause button (6-C).
You cannot redial by pressing REDIAL/PAUSE on the handset.	<ul style="list-style-type: none">The redial function does not work right after programming the recall time (6-A) and storing phone numbers in the speed dialler (4-A).If the last number dialled was more than 32 digits long, the number will not be redialled.
You cannot redial by pressing REDIAL/PAUSE on the base unit.	<ul style="list-style-type: none">The redial function does not work right after storing phone numbers in the speed dialler (4-B).If the last number dialled was more than 31 digits long, the number will not be redialled.

Problem	Remedy
LOCATOR/INTERCOM does not function.	• The handset is too far from the base unit or is engaged in an outside call.
SP-PHONE does not function.	• The handset is engaged in an outside call. Wait until the IN USE/CHARGE indicator light goes out.
During a call with the handset, the call cannot be switched to the speakerphone.	• To switch a call to the speakerphone, press REMOTE SP on the handset (Section 3).
The RECHARGE indicator flashes or the unit beeps intermittently.	• Charge the battery fully (7-A).
You charged the battery fully, but the RECHARGE indicator flashes.	• Clean the charge contacts and charge again (7-A). • Install a new battery (7-C).
The IN USE/CHARGE indicator light does not go out while charging.	• This is normal.

7-G Safety Instructions

Take special care to follow the safety suggestions listed below.

Safety

- 1) The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
- 2) When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.
- 3) To minimize the possibility of lightning damage when you know that a thunderstorm is coming, we recommend that you:
 - a) Unplug the telephone line cord from the phone jack.
 - b) Unplug the power supply cord from the AC power outlet.

Installations

Environment

- 1) Do not use this unit near water—for example, near a bathtub, washbowl, sink, etc. Damp basements should also be avoided.
- 2) The unit should be kept away from heat sources such as radiators, kitchen range, etc. It also should not be placed in rooms where the temperature is less than 5°C or greater than 40°C.

Placement

- 1) Do not place heavy objects on top of this unit.
- 2) Care should be taken so that objects do not fall onto, and liquids are not spilled into, the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration or shock.
- 3) Place the unit on a flat surface.

For best performance

- 1) If noise prevents the conversation from being understood at the handset, approach the base unit to lessen the noise.
- 2) The handset should be used at the HIGH volume setting when the reception tone is difficult to hear.
- 3) The handset should be fully recharged on the base unit when the RECHARGE indicator flashes.
- 4) The handset antenna should not be touched during use because of its high sensitivity.
- 5) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

When a failure occurs which results in the internal parts becoming accessible, disconnect AC adaptor immediately and return this unit to the place of purchase or service centre.